

SEGITEC 

**AUTOMATION
ELECTRICITY & INSTRUMENTATION
PROCESS SOLUTIONS
FIRE SAFETY
TECHNICAL ASSISTANCE**

www.segitec.net



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SEGITEC's Presentation



Dynamic and oriented towards innovation, **SEGITEC** is an International solution integrator in Automation, Electricity & Instrumentation, Process Solutions and Fire Safety.

6 Business Units on 3 continents.



200 successful projects in more than 20 countries.

More than 100 employees (> 80% are Engineers). Over than 12 nationalities.



4 certificates
Integrated Management System :
ISO 9001 - ISO 14001 - ISO 45001

Safety, Health and Environmental
Management : MASE



Presentation



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SEGITEC'S Presentation



TUNISIA - ALGERIA - FRANCE - GABON - EMIRATES - LIBYA



Presentation



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Clients & Partners



Our Partners



Alliance Partner



Alliance Partner



Channel Partner



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Clients & Partners



Our Clients

Honeywell

Schneider
Electric

General
Electric

FieldCore
a GE company

بارنان
PARENIN **CAT**

EPPM
S.A.

PIRECO
EPC Contractor

EKIUM

Bonatti

DANIELI

FAUCHÉ

CPECC

PARLYM
CONCEIVER VOS PROJETS, REALISER VOS AMBITIONS

Maire
Tecnimont

cobra

DRILLMEC
DRILLING TECHNOLOGIES

EQUANS
EMPOWERING TRANSITIONS

ENGIE

fives

VEOLIA

SNF

ACTEMIUM

سوناتراش
sonatrach

Shell

eni

SOGARA

سيرت
serept

PERENCO

MAUREL & PROM

TotalEnergies

VIVO
ENERGY

STAROIL
ستاراويل

Agil

OLA
ENERGY

SANOFI

IPSEN
Innovation for patient care

Air Liquide

NAPHTA
CHIMIE

FERTIAL
les fertilisants d'Algérie

AOA
El Shartia El Diazaria
El Omania Lili Asmida

SORFERT
مورفورت الجزائر

BEN YEDDER

CROWN

DRAXLMAIER

SFBT

SOTIPAPIER

30
DATA CENTER

PRIMETALS
TECHNOLOGIES

COMILOG
The Manganese Source®

AKKA
PASSION FOR
TECHNOLOGIES

Presentation



Clients & Partners



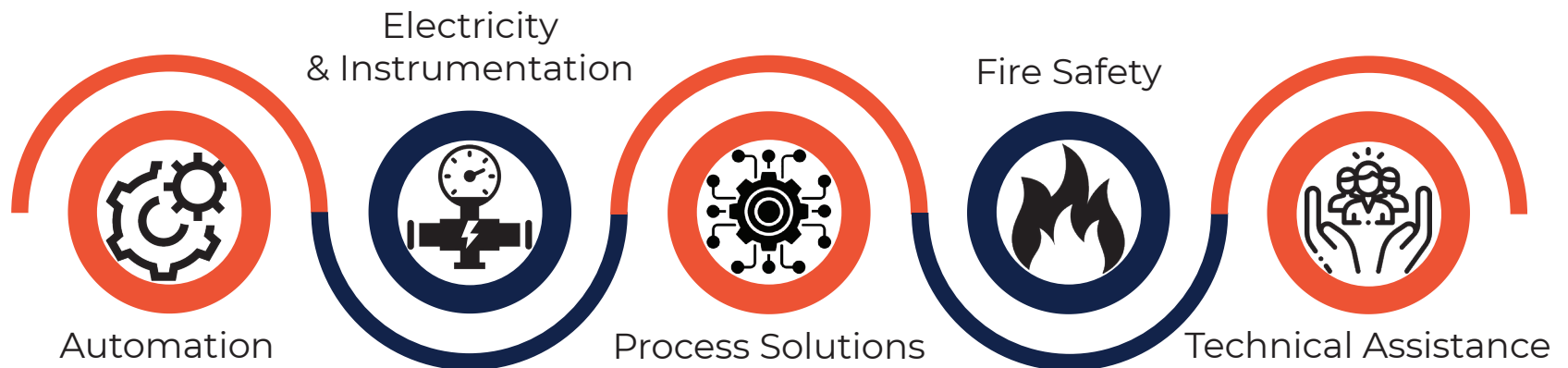
Expertises



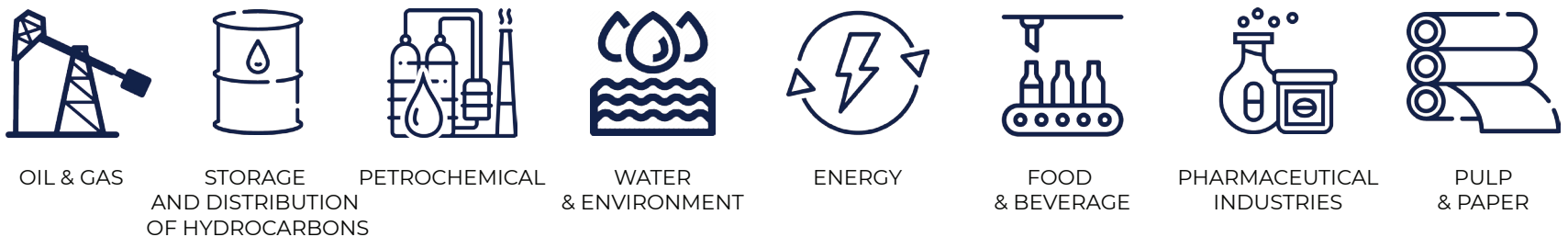
Contact



SEGITEC's expertises



SEGITEC's Sectors of Activity



Presentation



Clients & Partners



Expertises



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AUTOMATION

Presentation



Clients & Partners



Expertises



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Automation



OUR SOLUTIONS

- Automated solutions (PLC & DCS) for process & machine control
- Emergency Shutdown systems (ESD, F&G)
- Building Management System (BMS)
- HMI / SCADA / Hypervision / PI
- Remote management solutions RTU / Optical fiber / Radio / GPRS

OUR OFFER

- Project management
- Retro engineering
- Engineering and advising
- Security analysis
- Diagnostic of automated systems
- Automation architecture
- BOM & Equipment specifications
- Programming of PLC / DCS
- Upgrade of automated systems
- Data migration
- Views development for HMI / SCADA systems
- Installation & Integration
- Loop tests & Interconnection tests
- Hardware / Software FAT
- Hardware / Software SAT
- Maintenance contract



Schneider
Electric

Foxboro
by Schneider Electric

Triconex
by Schneider Electric

Honeywell

YOKOGAWA ◆

ABB


DELTA V
EMERSON

 **Rockwell**
Automation

 **HIMA**
SMART
SAFETY

 AVEVA
System
Platform

 AVEVA
InTouch

Topkapi
TG

PcVue Solutions

Valmet
FORWARD

 **COCKPIT**
WAGO

Presentation



Clients & Partners



Expertises



Contact



Automation



Retrofit and replacement of the DCS systems operating gas turbines of STEG Bouchamma & Bir M'cherga power plants.

GENERAL ELECTRIC | STEG - Energy
Tunisia | **2022**

Engineering, programming and commissioning of the DCS Valmet DNA of a Biomass boiler.

VALMET | SAICA PAPER - Pulp & Paper
France | **2022**

Software engineering and programming of DCS & ESD & F&G systems at Sarir Field.

SCHNEIDER ELECTRIC | AGOCO - Upstream
Libya | **2021**

Honeywell DCS Expansion of A'Seeb STP (Phase II) and associated facilities for Haya Water water treatment plant.

HONEYWELL | HAYA WATER - Water treatment
Oman | **2021**

Upgrade of the DCS & ESD Foxboro and Triconex at Air Liquide - Kraków.

EKIUM | AIR LIQUIDE - Oil & Gas
Poland | **2019**



Presentation



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Expertises



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ELECTRICITY & INSTRUMENTATION

Presentation



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Expertises







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Electricity & Instrumentation



OUR SOLUTIONS

- MV & LV power systems
- Power control, protection and monitoring systems
- Uninterruptible power supply (UPS) systems
- Earthing systems
- Lightning protection systems
- Lighting systems
- Tank gauging systems
- ATEX  / SIL  / UL  / FM  approved measurement solutions

SOFTWARES USED

- | | |
|---------------------|----------------|
| • Caneco BT | • AutoCAD |
| • SEE Electrical | • SolidWorks |
| • Dialux | • MicroStation |
| • Eplan Electric P8 | • NavisWorks |
| • Eplan Pro Panel | • MS Project |
| • Schemaplic | • Office 365 |
| • Ecodial | |

OUR OFFER

- Project management
- MV & LV studies
- MV & LV selectivity studies
- Design & drawings of MCC and LV distribution panels
- Power budget
- Calculation notes for MC & LC
- Layout diagram
- Wiring diagram
- Loop diagram
- Single line diagram
- Process & Instrumentation Diagram
- Technical specifications and datasheets
- Hook up and installation procedure
- Installation services and tests
- Maintenance contract

Presentation



Clients & Partners



Expertises



Contact



Electricity & Instrumentation



Revamping of DCS/ESD/FGS/Marshalling cabinets, monitoring consoles, measuring instruments, control and safety valves and fire detection instruments at the control room and production & reinjection wells at the Hamra site.

SONATRACH - Oil & Gas
[Algeria](#) | **2022**

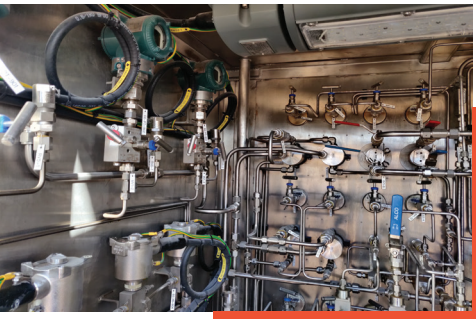


Re-instruction and revamping of the E&I equipment of the Ammonia II Unit.

FERTIAL - Fertilizers
[Algeria](#) | **2019**

Renovation of electrical installations (Diesel emergency station and MV stations).

SOGARA - Oil & Gas
[Gabon](#) | **2018**



FEED for the renovation of 9 production units at Tin Fouyé Tabankort.

SONATRACH - Oil & Gas
[Algeria](#) | **2017**

Renewing instrumentation and control system of the methanol unit CP1Z.

SONATRACH - Oil & Gas
[Algeria](#) | **2016**

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Expertises



Contact



A photograph of an industrial facility, likely a refinery or chemical plant. Two workers in high-visibility vests and hard hats are visible. One worker is standing on a platform, facing away from the camera, looking at a complex system of pipes, valves, and machinery. The other worker is crouching down on a similar platform to the right, working on a piece of equipment. The background shows large yellow storage tanks and a complex network of steel beams and pipes. The overall scene is industrial and technical.

PROCESS SOLUTIONS

Presentation



Clients & Partners



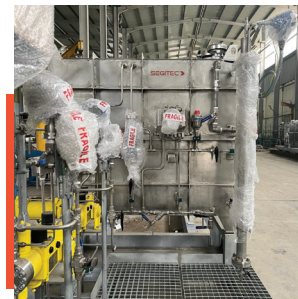
Expertises



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Process Solutions



OUR SOLUTIONS

- Truck loading / unloading skids
- Conventional / Fiscal metering skids
- Proving and calibration skids
- Additive injection skids
- Chemical injection skids
- Water injection skids
- Blending solutions
- Terminal Automation System (TAS) integration

OUR OFFER

- Project management
- Process & Instrumentation Diagram
- Process Flow Diagram
- General Arrangement Drawing
- Isometric drawings
- 3D modeling
- Hook up drawing
- Wiring diagram / Loop diagram
- Risk assessment
- Safety Integrity Level studies
- Participation in hazard identification studies (HAZID) and hazard operability studies (HAZOP)
- Tests & calibration
- Legal metrology assistance and tests
- Skids construction & integration
- FAT / SAT services
- Maintenance contract



Presentation



Clients & Partners



Expertises



Contact



Process Solutions



Compliance of bottom and top loading skids at HCL – Rades terminal, including the supply, configuration, installation and startup of 15 Fusion 4 controllers.

TOTAL - Oil & Gas
[Tunisia](#) | **2022**



Engineering , supply and installation of truck loading Skids, additive Skids and Tank prover 5000 L.

HONEYWELL | GREEN OIL - Oil & Gas
[Morocco](#) | **2022**



Supply and installation of fuel and LPG metering skids at GPM and GSEZ docks at the port of OWENDO.

SOGARA | SGEPP - Oil & Gas
[Gabon](#) | **2022**

Design, fabrication and installation of chemical injection packages and associated manifolds for new wells..

GROUPEMENT REGGANE - Oil & Gas
[Algeria](#) | **2021**

Presentation



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Expertises



Contact





FIRE SAFETY

Presentation



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Expertises



Contact



Fire Safety



OUR SOLUTIONS

- Fire alarm control panel
- Fire & Gas detection automated systems
- Combustible and toxic gases & vapours and oxygen detection systems (fixed / portable)
- Gas automated extinguishing systems
- Water / Foam / Mist extinguishing and cooling systems
- Firewater pumps and networks
- Leak detection systems for water and hydrocarbons
- Signalization, horns, beacons and FSS accessories
- Access control system / CCTV

OUR OFFER

- Project management
- Fire security audits
- Design of F&G systems and extinguishing systems according to APSAD / NFPA
- Design of gases extinguishing automated systems
- Design of liquid leak detection systems for water and hydrocarbons
- Calculation notes
- Systems architecture
- Layout, wiring and loop diagram
- Interconnection diagram
- Technical specifications and datasheets
- Systems supply and installation
- FAT / SAT services
- Maintenance contract

Presentation



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Fire Safety

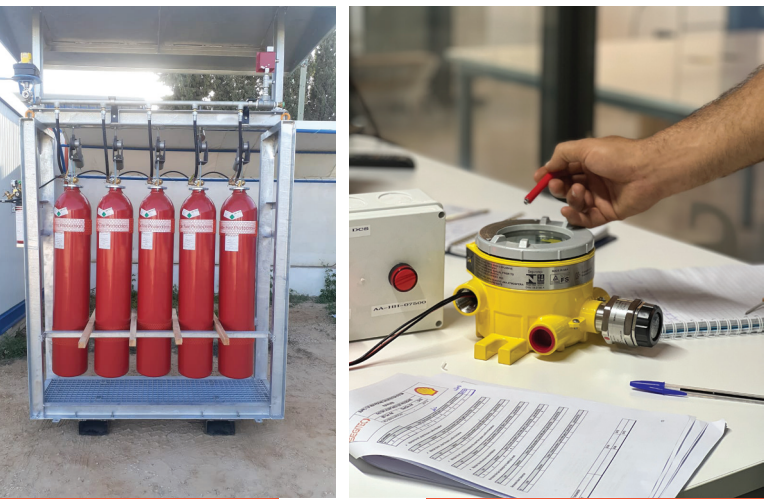


Supply, installation and commissioning of an Extinguishing Automated Gas system on Ashtart platform.

SEREPT - Oil & Gas
Tunisia | **2022**

Maintenance of fire detection, automated extinguishing system and access control system equipment.

SOGARA - Oil & Gas
Gabon | **2019 - 2023**



Engineering, supply and installation of a new FGS at Agba factory.

CROWN - Food & Beverage
Tunisia | **2021**

Engineering, supply, installation and commissioning of 07 CO₂ complete fire suppression systems at Miskar platform.

SHELL - Oil & Gas
Tunisia | **2020**

Engineering, supply and installation of leak detection system and fire detectors at Rades Terminal.

SNDP - Oil & Gas
Tunisia | **2019**

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TECHNICAL ASSISTANCE

Technical Assistance



SEGITEC provides qualified and experimented profiles to meet the requirements of international clients seeking a reliable and competent partner.

SEGITEC supports its resources and ensure an efficient follow-up during their mission via day-to-day management.

OUR SERVICES

- Recruitment
- Contract management
- Permitting
- Logistics management
- Payroll services
- Legal assistance

OUR ADDED-VALUE

- Multidisciplinary database
- Agile project management
- Efficient mobilization process
- Experienced management of visa procedures and work permits
- Full administrative and legal management
- Teams on site or remote
- ▶ **Guarantee of project continuity**
- ▶ **Costs optimization**
- ▶ **KPI improvement**

Technical Assistance



Provision of a project management team for the construction of a steel plant.

DANIELLI

Uzbekistan | **2022 - 2023**



Provision of drillers, hydraulic mechanics & specialized electricians.

DRILLMEC

India | **2022**



Provision of 2 engineers specialized in Rockwell Automation / DELTA V.

PERENCO

Gabon | **2022**



Provision of 3 automation experts for PLC programming.

ENGIE

France | **2021**



Provision of more than 20 qualified expatriates for the construction of a new buried pipeline.

ENHL - BONATTI

Mozambique | **2022**



Provision of 30 engineers and technicians expatriates dispatched on different departments : Production, Instrumentation, Electrical , Mechanical, Shipping and HSE.

AKKA TECHNOLOGIES | AOA

Algeria | **2015-2022**



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